

STATEMENT
THE LIGHT SHIP WEIGHT
ED FROM DEADWEIGHT
27, 1944 IS 5522 LON
IS THE WEIGHT OF THE
SEA IN EVERY RESPECT
LIQUIDS IN MACHINERY
OIL SYSTEMS, SPARE PA
STORES, MATTRESSES A

ALSO INCLUDED IS

1. LIFE BOATS

N.	LENGTH	PERSONS	MOT
1	22'-0"	16	MO
1	22'-0"	16	MO
1	22'-0"	21	HA
1	22'-0"	21	HA
2	22'-0"	21	HA

2. BALLAST (NONE)

3. DEFENSE FEATURES

(a) BATTERY

N.	TYPE	FR. N.
1	5"/50 CAL.	BOW
2	120 MM.	FR. N.
2	"	"
2	"	"
1	5"/38 CAL.	STERN

(b) PLASTIC ARMOR

(c) GUN SHIELDS

(d) GUN PLATFORM

(e) AMMUNITION ST

(f) AMMUNITION HO

(g) ADDITIONAL QU

(h) DEGAUSSING

(i) LIFE RAFTS & FLOATS

N.	TYPE	PERSONS	LOCATION	LONG TONS
2	RAFT	40	FR. N. 67 P. & S.	2.9
2	"	40	" 43	2.9
1	"	20	" 50 STBD.	1.4
1	FLOAT	15	" 60 PORT	0.1
"	"	15	" 45 STBD.	0.1

(j) LIFE RAFT SKIDS

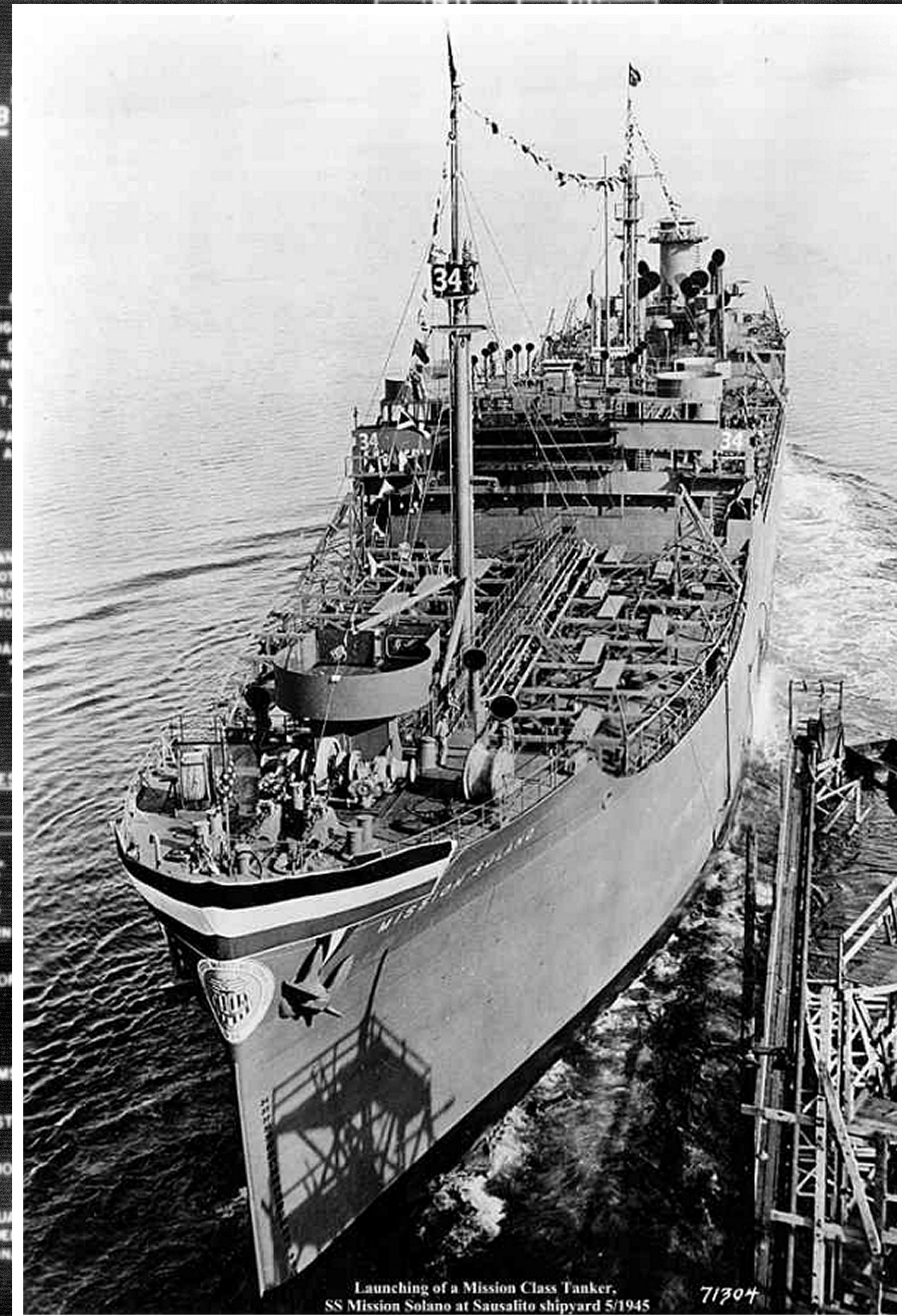
(k) SMOKE FLOATS

ITEMS NOT INCLUDED IN LIGHT SHIP WEIGHT ARE,
AMMUNITION, FUEL OIL IN STORAGE TANKS, FRESH WATER
IN CULINARY TANK, CONSUMABLE REFRIGERATED OR DRY
STORES, AND CREW OR THEIR EFFECTS.

CAPACITY PLAN ISSUED APRIL 1, 1944.

UPPER DECK

71304



Launching of a Mission Class Tanker,
SS Mission Solano at Sausalito shipyard 5/1945

71304



S.S. MISSION SOLANO, Launched by Marinship, January 14, 1944

DECK CARGO		
2ND DECK	FR 75-82	15,203
TOTAL DECK CARGO		

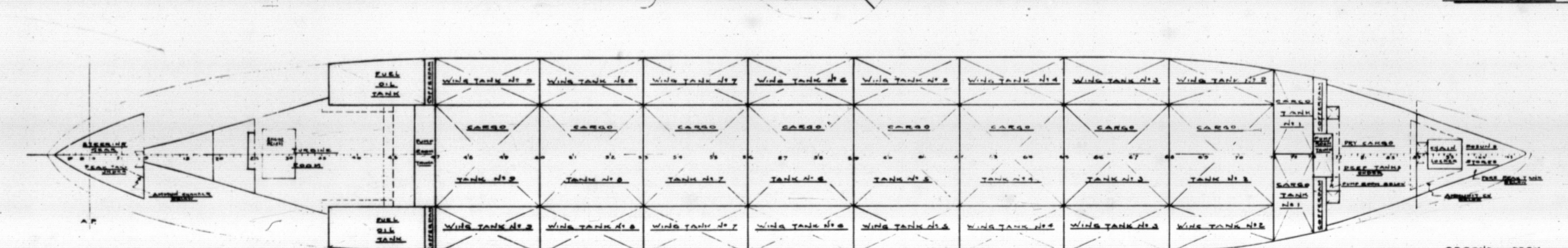
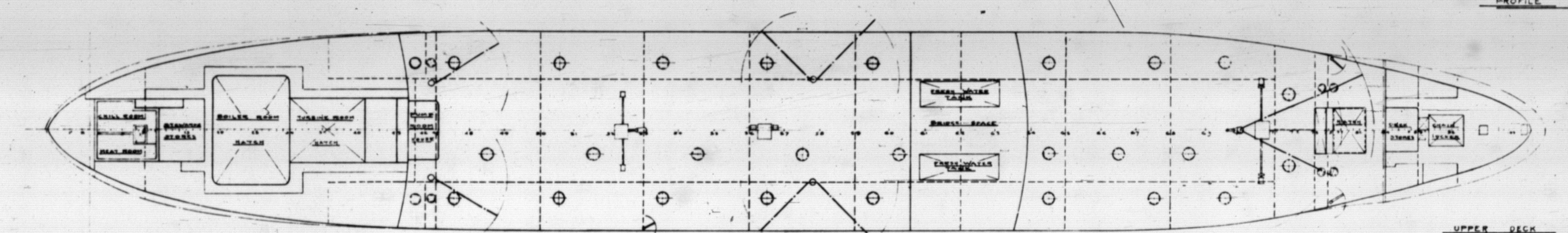
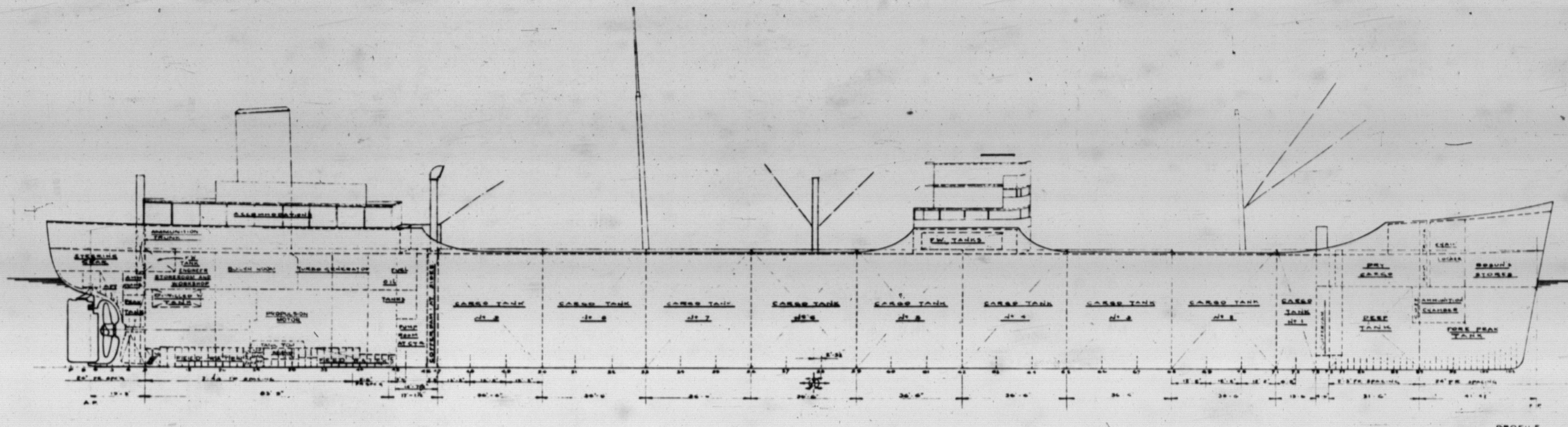
MAIN CARGO TANKS			
TANK NO.	LOCATION	GALLONS	BARRELS (200)
1	FR 75-71	38,528	884
2	65-68	38,528	884
3	68-65	38,528	884
4	65-68	38,528	884
5	68-65	38,528	884
6	65-68	38,528	884
7	68-65	38,528	884
8	65-68	38,528	884
9	68-65	38,528	884
TOTAL		3,116,342	74,191

PIPE CARGO TANKS			
TANK NO.	LOCATION	GALLONS	BARRELS (200)
1-P	FR 71-72	104,428	2,534
1-S	71-72	104,428	2,534
2-P	68-71	125,328	3,084
2-S	68-71	125,328	3,084
3-P	65-68	163,330	3,883
3-S	65-68	163,330	3,883
4-P	68-65	163,330	3,883
4-S	68-65	163,330	3,883
5-P	65-68	163,330	3,883
5-S	65-68	163,330	3,883
6-P	68-65	163,330	3,883
6-S	68-65	163,330	3,883
7-P	65-68	163,330	3,883
7-S	65-68	163,330	3,883
8-P	68-65	163,330	3,883
8-S	68-65	163,330	3,883
9-P	65-68	163,330	3,883
9-S	65-68	163,330	3,883
TOTAL		2,793,794	66,718
TOTAL CARGO		5,908,098	140,809

FUEL OIL TANKS			
TANK NO.	LOCATION	GALLONS	BARRELS (200)
WINGTANK	FR 36-46 P	104,428	2,534
WINGTANK	FR 36-46 S	104,428	2,534
DEPTANK	FR 75-82 P	93,162	2,261
DEPTANK	FR 75-82 S	93,162	2,261
1-P	FR 71-72	104,428	2,534
1-S	FR 71-72	104,428	2,534
TOTAL FUEL		620,172	14,766

BALLAST TANKS AND COFFERDAMS			
TANK	LOCATION	TONS SW	
FORE PEAK	FR 85-FORE	314.23	
DEPT TANK	FR 75-82 P	380.43	
DEPT TANK	FR 75-82 S	379.98	
COFFERDAM	FR 75-78	132.94	
COFFERDAM	FR 46-47 P	97.11	
COFFERDAM	FR 46-47 S	97.11	
AFT PEAK	FR 0-5	71.93	
TOTAL BALLAST		1,593.33	

FRESH WATER TANKS			
TANK	LOCATION	TONS FW	
DEPT WATER	FR 10-17 E&S	36.30	
UNDER BOTTOM	FR 11-23 PORT	37.47	
FR	FR 11-23 STBD	36.30	
FR	FR 26-44 PORT	76.48	
FR	FR 26-44 STBD	75.24	
TOTAL FRESH WATER		250.08	
DRINKING WATER			
FW TANK	STERN CR FLAT FR 3-13	28.65	
FR	UNDER BRIDGE FR P	35.37	
FR	UNDER BRIDGE FR S	35.37	
TOTAL DRINKING WATER		99.38	



STATEMENT OF LIGHT
THE LIGHT SHIP WEIGHT OF THE
VESSEL FROM DEADWEIGHT DETERMINED
ON 27, 1944 IS 5502 LONG TONS.
THIS IS THE WEIGHT OF THE VESSEL
SEA IN EVERY RESPECT. IT INCLUDES
LIQUIDS IN MACHINERY, FIRE OIL
SYSTEMS, SPARE PARTS, STORES,
MATTRESSES AND BEDS.

1. LIFE BOATS
N. LENGTH PERSONS MOTOR
1 22' 0" 16 MOTOR
1 22' 0" 16 HAND
1 22' 0" 21 HAND
2 22' 0" 21

2. BALLAST (NONE)

3. DEFENSE FEATURES
(a) BATTERY
1 5750 CAL. 30" 63 P.M.
2 20 MM. 40 P.M.
2 20 MM. 40 P.M.
2 20 MM. 40 P.M.

(b) PLASTIC ARMOR

(c) GUN SHIELDS

(d) GUN PLATFORMS

(e) AMMUNITION STOWAGE

(f) AMMUNITION HOISTS

(g) ADDITIONAL QUARTER

OTHER PERSONNEL, SEPARATION OF ORIGINAL QUARTER

(h) DEGAUSSING

(i) LIFE RAFTS & FLOA

1 20' 0" 40 P.M.

2 20' 0" 40 P.M.

1 20' 0" 40 P.M.

1 20' 0" 40 P.M.

(j) LIFE RAFT SKIDS

(k) SMOKE FLOATS

ITEMS NOT INCLUDED IN AMMUNITION, FUEL OIL IN STORAGE, CULINARY TANK, CONSUMABLES, STORES, AND CREW OR THEIR EFFECTS.

CAPACITY PLAN ISSUED APRIL

